

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/435,908A  
Source: TPW16  
Date Processed by STIC: 12/22/06

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IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/635,908A

DATE: 12/22/2006

TIME: 09:33:42

Input Set : A:\2923-552.ST25.txt

Output Set: N:\CRF4\12222006\J635908A.raw

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3 <110> APPLICANT: Bolhuis, Reinier
4     Woehl, Thorsten
5     Boettger, Volker
7 <120> TITLE OF INVENTION: Method of Producing Recombinant Antibodies
9 <130> FILE REFERENCE: 2923-552
11 <140> CURRENT APPLICATION NUMBER: 10/635,908A
12 <141> CURRENT FILING DATE: 2003-08-07
14 <160> NUMBER OF SEQ ID NOS: 29
16 <170> SOFTWARE: PatentIn version 3.3
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 23
20 <212> TYPE: DNA
21 <213> ORGANISM: Artificial
23 <220> FEATURE:
24 <223> OTHER INFORMATION: Synthetic Construct
26 <400> SEQUENCE: 1
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36 <223> OTHER INFORMATION: Synthetic Construct
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59 <220> FEATURE:
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67 <211> LENGTH: 357

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74	tcctgtcag	cctctggatt	cactttcagt	aactattaca	tgtcttgggt	tcgcagact	120
76	ccagagaaga	ggctggagtt	ggtcgcagcc	attaatagtg	atgggtgtat	cacctactat	180
78	ctagacactg	tgaagggccg	attcaccatt	tcaagagaca	atgccaagaa	caccctgtac	240
80	ctgcaaatga	gcagtcgaa	gtctgaggac	acagccttgt	tttactgtgc	aagacaccgc	300
82	tcgggctact	tttctatgga	ctactgggt	caaggaacct	cagtcacgt	ctcctca	357

85 <210> SEQ ID NO: 6  
 86 <211> LENGTH: 119  
 87 <212> TYPE: PRT  
 88 <213> ORGANISM: Mouse  
 90 <400> SEQUENCE: 6

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96	Ser	Leu	Lys	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	Ser	Asn	Tyr	
97						20				25			30				
100	Tyr	Met	Ser	Trp	Val	Arg	Gln	Thr	Pro	Glu	Lys	Arg	Leu	Glu	Leu	Val	
101						35			40			45					
104	Ala	Ala	Ile	Asn	Ser	Asp	Gly	Gly	Ile	Thr	Tyr	Tyr	Leu	Asp	Thr	Val	
105						50			55			60					
108	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Thr	Leu	Tyr	
109	65					70				75			80				
112	Leu	Gln	Met	Ser	Ser	Leu	Lys	Ser	Glu	Asp	Thr	Ala	Leu	Phe	Tyr	Cys	
113						85				90			95				
116	Ala	Arg	His	Arg	Ser	Gly	Tyr	Phe	Ser	Met	Asp	Tyr	Trp	Gly	Gln	Gly	
117						100			105			110					
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132	atcacctgca	aggccagtca	aatgtgggt	tctgtgttg	cctggtatca	acagaaacca	120										
134	ggacaatctc	ctaaactact	gatttactca	gcatccaatc	ggtacactgg	agtccctgtat	180										
136	cgttcacag	gcagttggatc	tgggacagat	ttcaactctca	ccatttagcaa	tatgcagtct	240										
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151	1				5				10			15					
154	Asp	Arg	Val	Ser	Ile	Thr	Cys	Lys	Ala	Ser	Gln	Asn	Val	Val	Ser	Ala	

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 158 Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Lys Leu Leu Ile  
 159 35 40 45  
 162 Tyr Ser Ala Ser Asn Arg Tyr Thr Gly Val Pro Asp Arg Phe Thr Gly  
 163 50 55 60  
 166 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Asn Met Gln Ser  
 167 65 70 75 80  
 170 Glu Asp Leu Ala Asp Phe Phe Cys Gln Gln Tyr Ser Asn Tyr Pro Trp  
 171 85 90 95  
 174 Thr Phe Gly Gly Thr Lys Leu Glu Ile Lys  
 175 100 105  
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 179 <211> LENGTH: 2431  
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 183 <400> SEQUENCE: 9  
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 188 aaattctgaa tgctccatc acagagatga atctgctatg aacagctcat aggtgtga  
 190 ctctacaaaa gccatattat tgaaaagcca cattgtgccc agactttgga aagactga  
 192 tcatatcctg aaatacagtt atgtgtgggtt ctatctaatt acacatttac actaaggaa  
 194 catggcagta tgggaatgaa gcttgttctg tacacattaa cagagggaaa ctaaaca  
 196 tatggtgaat ccctaaccaa aagtaaaaaaa aaaaaaaaaa aagaaaagaa aagaaaaa  
 198 aagtgaaaact acaaatatgtt tcaaatacgctg taactgaaat ctggttttt gatgcctt  
 200 atctgttatac atcagtgact tcaagatgg tagtgcatttcca gacatggta tagcaggaa  
 202 acatgcaaat aggtcttctc tgcgtccatg aaaaacaccc cggccctgac cctgcag  
 204 tgacagagga ggcctgtcct ggattcgatt cccagttcct cacattcagt gatcagca  
 206 gaacacagac ccctcaccat gaacttcggg ctcagattga ttttccttgt cctggttt  
 208 aaaggtatct tattgagttt agaggacatc tgctgtatgc acagagggtc agaaaaaa  
 210 ttgtttgttt ttttagtga caatgctcca aacagtattc tttctttca ggtgtcctt  
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 216 ctccagagaa gaggctggag ttggcgcag ccattaatag tgatgggtt atcaccta  
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 220 acctgcaaat gagcagtctg aagtctgagg acacagccctt gttttactgt gcaagac  
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 224 gtaagaatgg cctctccagg tctttttt aatctttgtt atggagttt ctgaacat  
 226 cagactaatac ttggatattt gtcctgagg tagccggctg agagaaaattt ggaattaa  
 228 tgtctcggtt ttcagagcc tttaggacag attatctcca catctttgaa aaactgag  
 230 tctgtgtat ggtgtgggat ggtccctgg atgatgggat agggactttt gaggctca  
 232 tgagggagat gctaaaacaa tcctatggct ggagggagag ttggggctgt agtggag  
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 236 agcattata cagtatccga tgcataaggaa caaagagtg gatggggcac tttctt  
 238 ttgtgtgggaa atgttccaca ctatgttctg tgaaacctca tttgttggag ggagagct  
 240 ctttagtgcct gagtcaaggg agaaggccat ctggcctgg tctcaaaagg gtagtt  
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 246 aaactgtgag tttaaaatgt gagaagggtt tcaagtactc attttttac atgtccaa  
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250 gaggatggg agtgaggc tcctcatacc tattcagaac tgacttttaa caataataaa 2040  
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 254 tcagaaccag aacacctgca gcagctggca ggaagcaggt catgtggca ggctatttg 2160  
 256 ggaaggggaaa ataaaaccac tagttaaact ttagtgcgtg gtttgaagaa gtggtttga 2220  
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 260 atttgcattt ctaaaaataag ttgaggattc agccgaaact ggagaggfcc tcttttaact 2340  
 262 tattgagttc aacctttaa tttagcttg agtagttcta gtttcccaa acttaagtt 2400  
 264 atcgacttct aaaatgtatt tagaattcat t 2431  
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 277 gaaggtctca ggtcaataact tccactacac acatggaaac tgacaccaat gacgtcaata 180  
 279 tttagctttt ttgcccattt caggaggaga ctgctggtt tgagtgtggc accagactta 240  
 281 acaccaagtc gacaaactgc tttggaatca tctgtgacaa tccacaaaaaa caactttgtc 300  
 283 ttacaatgtg ctctgacgac attcatcaat tcatttact gtcaaaagtc atcatctgga 360  
 285 ctccattact ggcagcatac ttgatttgag acacttgcgtt acaaaaaatgt gcataggtaa 420  
 287 tcctctctgg aggaaccaga agcccccggtt ccaactgtat ttcaagtcttgc ttgcacagt 480  
 289 caaatcctgt accaatagca gctagggtgt taactatggc tctgttgc ttacacttga 540  
 291 ctgcacaaaa aggaataaca ttccgaaagag cttagccca cctcagatgc ttcttttagaa 600  
 293 tgtctctgag gtccggaaacc tagaaagaag agacttcatt tattatttt tgttcagaat 660  
 295 gtccttagca ctaaagccac catctatgtat acagcagtca aacttcttct tagatagct 720  
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 299 ctttacaagg tcaacttatac caagaactgt gaatgcagac tccttgcattt gttggaaaca 840  
 301 ctcacagcac agggtaaga ctggctggac acatggagac actgaatcttca gaagagca 900  
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 309 cactactttt ttcccttcattt cttttccact tcccttttctt ttctttttt gctgttgc 1140  
 311 ttgtaaagga ttattttttt cctcgtgattt gaaccaagg tagttgtactt attatttctg 1200  
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355	aaatagctt	tcctatagga	agccaatatt	aggcagacaa	tgccattaga	taagacattt	2520
357	tgattctaa	catttgc	aaaaatctt	gtatataaa	gtgttactc	attatctatt	2580
359	tctgattgca	ggtgtgtat	gagacattgt	gatgacccag	tctcaaagat	tcatgtccac	2640
361	aacagtagga	gacaggggtca	gatcacctg	caaggccagt	cagaatgtgg	tttctgtgt	2700
363	tgcctggat	caacagaaac	caggacaatc	tcctaaacta	ctgatttact	cagcatccaa	2760
365	tcggtagact	ggagtccctg	atcgcttac	aggcagtgg	tctggacag	atttcactct	2820
367	caccattagc	aatatgcagt	ctgaagac	ggctgat	ttctgtcaac	aatatagcaa	2880
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373	tttctctgag	accagattct	gtcactctcc	aaggcaaa	tacatagtc	ctccgtaa	3060
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391	cactgtaaac	cacattcaga	gatgggacca	gactggaa	aaaaccta	aacat	3600
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395	tagataaaatg	aactattct	tgtaacccaa	aactt	gacgaga	acc	3720
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437	gaataatc	aagagggtgt	acttttattc	taaaattt	gtc	aaaatgt	4980
439	gactctgt	gaacgagtcc	ttgacagaca	gctcaagg	ttttt	tttctt	5040
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### Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,11,12,13,14,19,20,21,22,23

**VERIFICATION SUMMARY**

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